**FIG. 1**

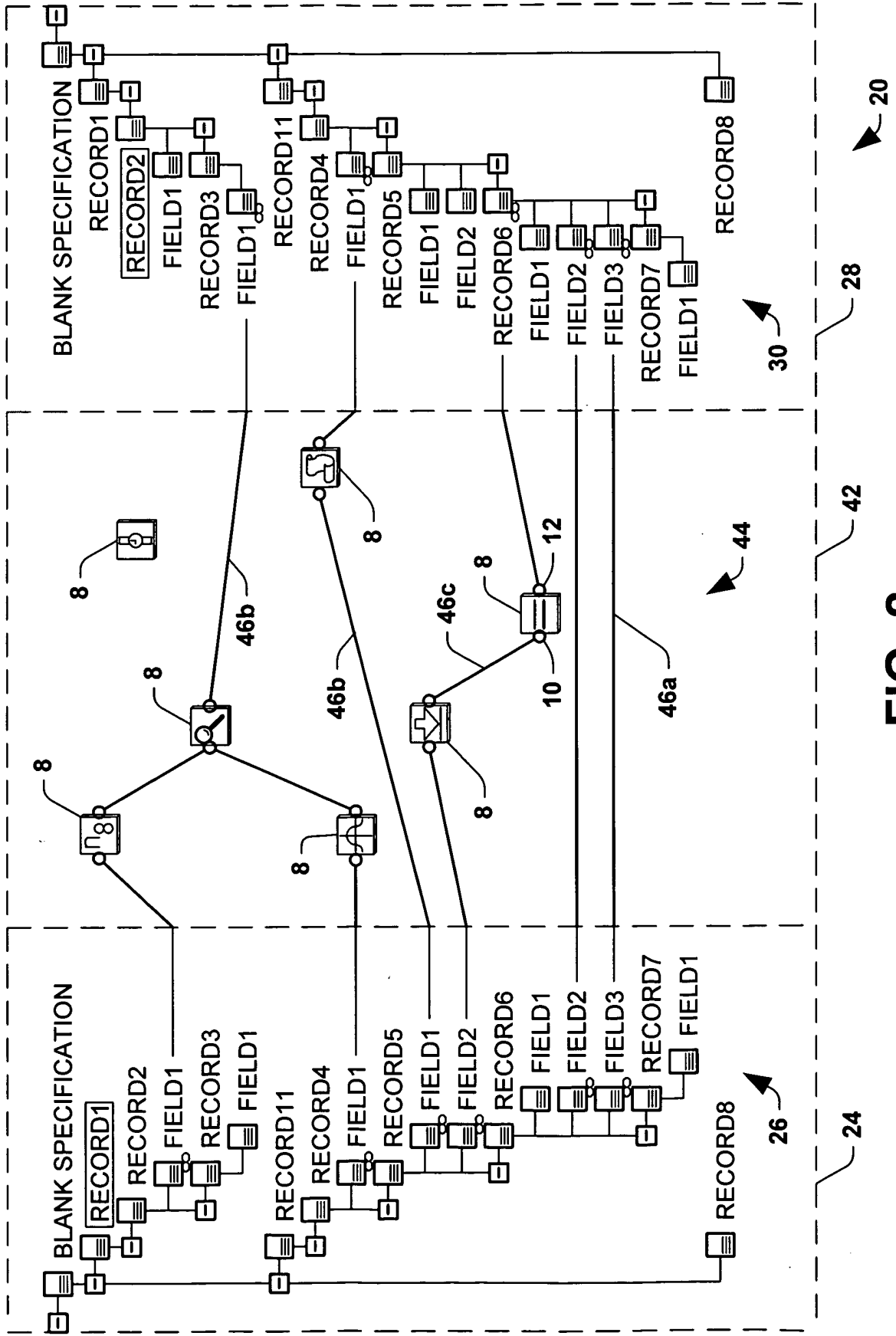
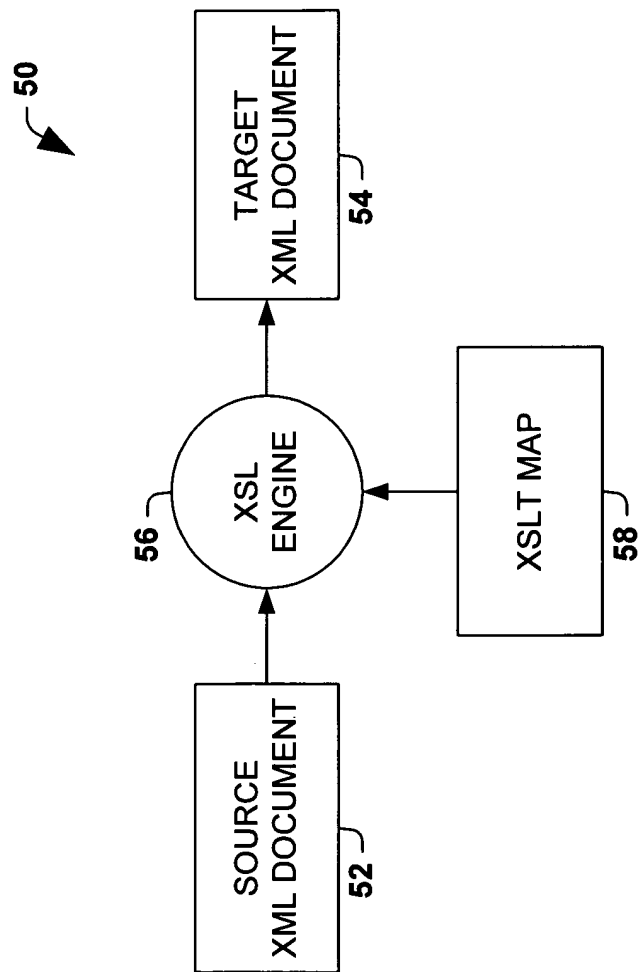


FIG. 2

**FIG. 3**

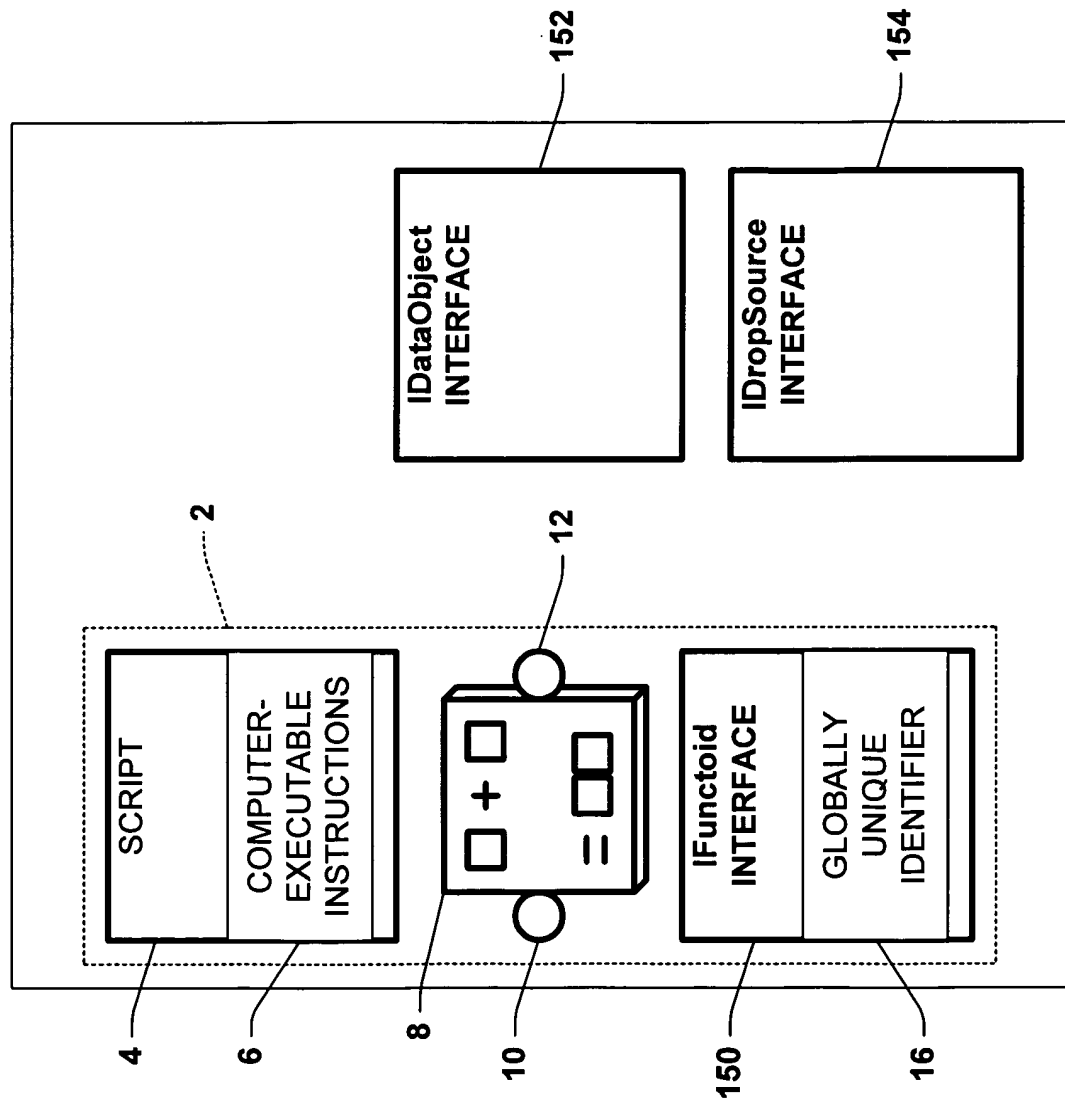


FIG. 4B

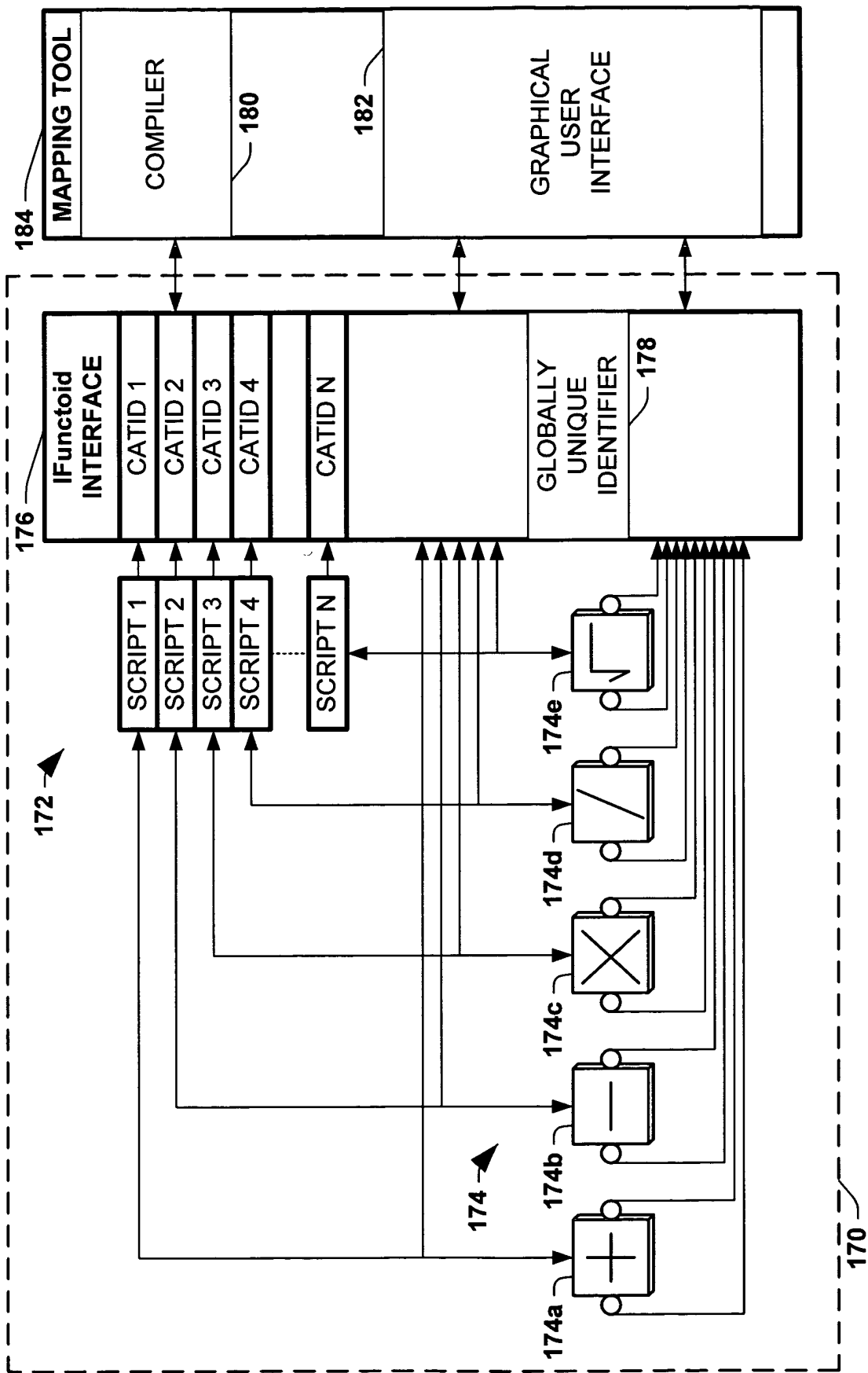


FIG. 4C

FIG. 5A is a schematic diagram of a device 20. The device 20 includes a substrate 24 and a layer 28. A region 42 is defined within the substrate 24. A dashed line 200 indicates a boundary or interface within the device 20. A region 202 is defined within the substrate 24, and a region 204 is defined within the layer 28.

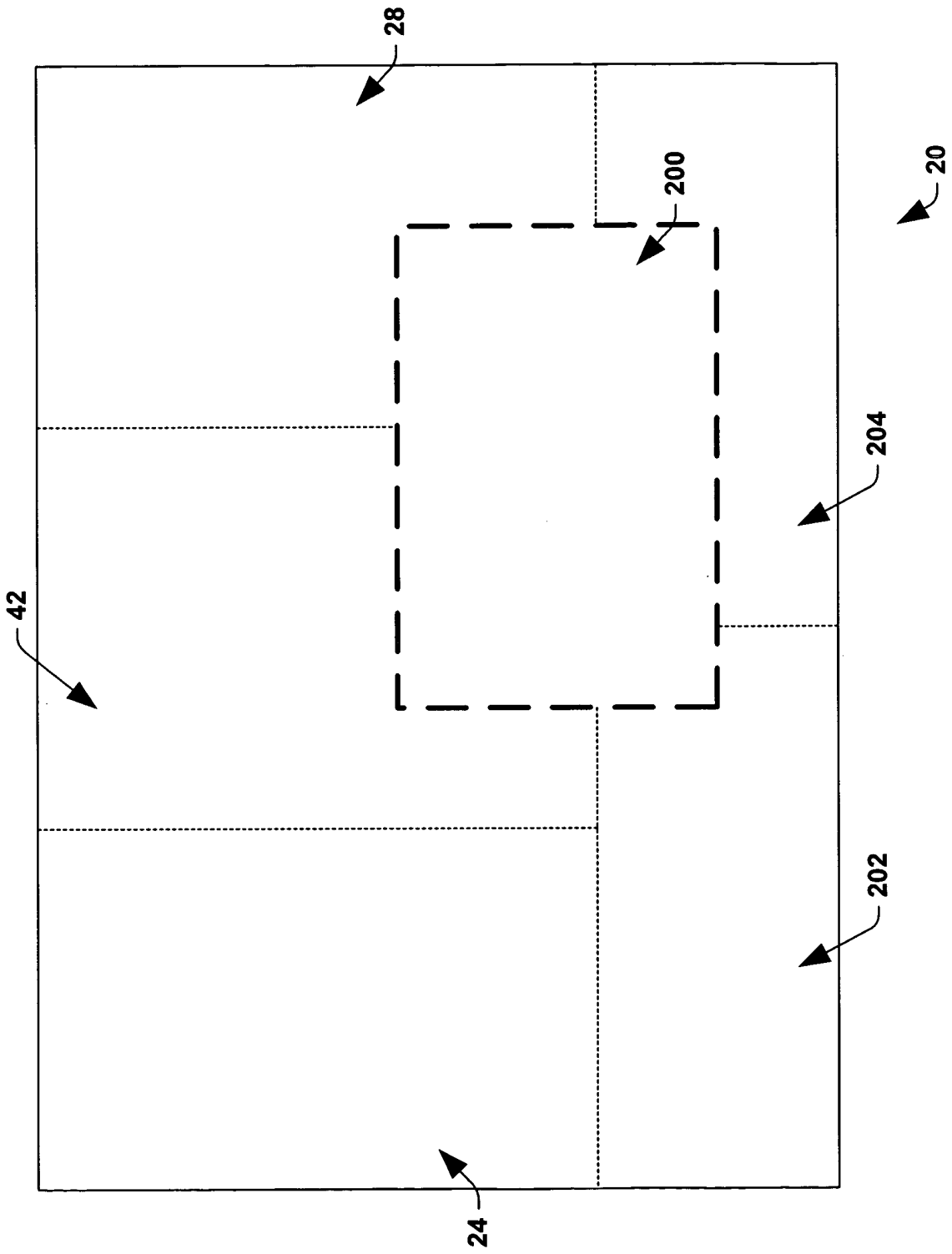


FIG. 5A

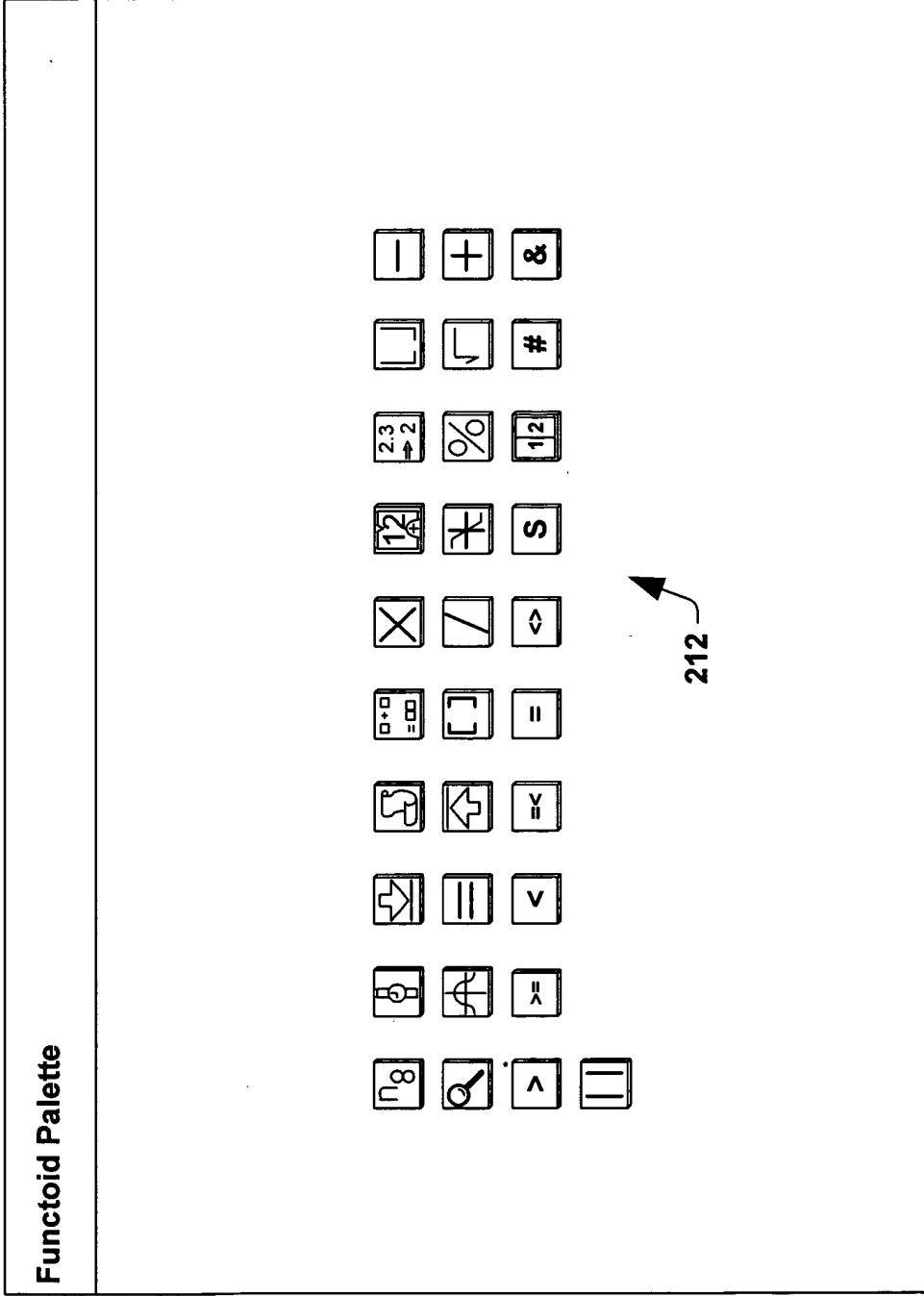


FIG. 5B

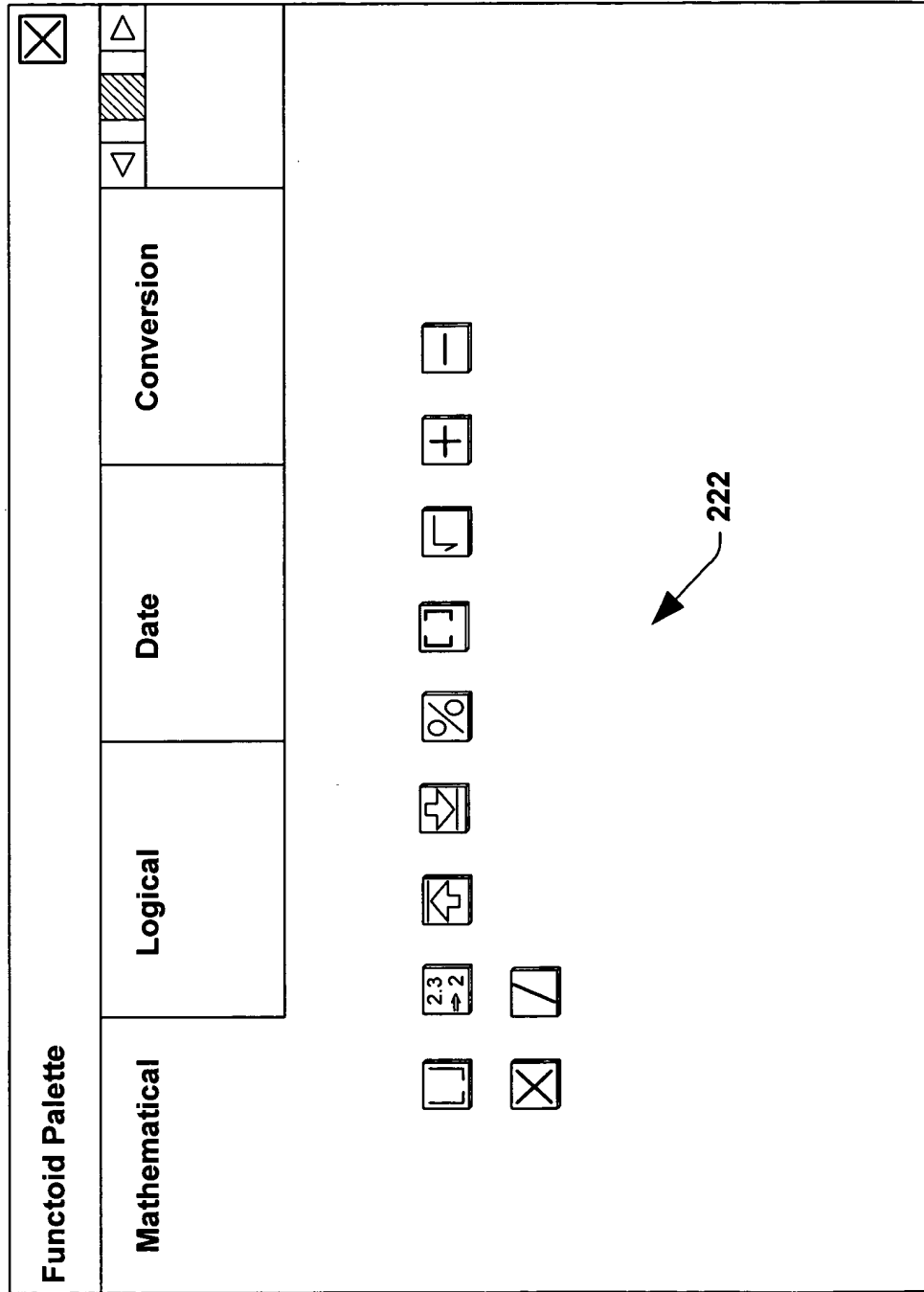


FIG. 5C

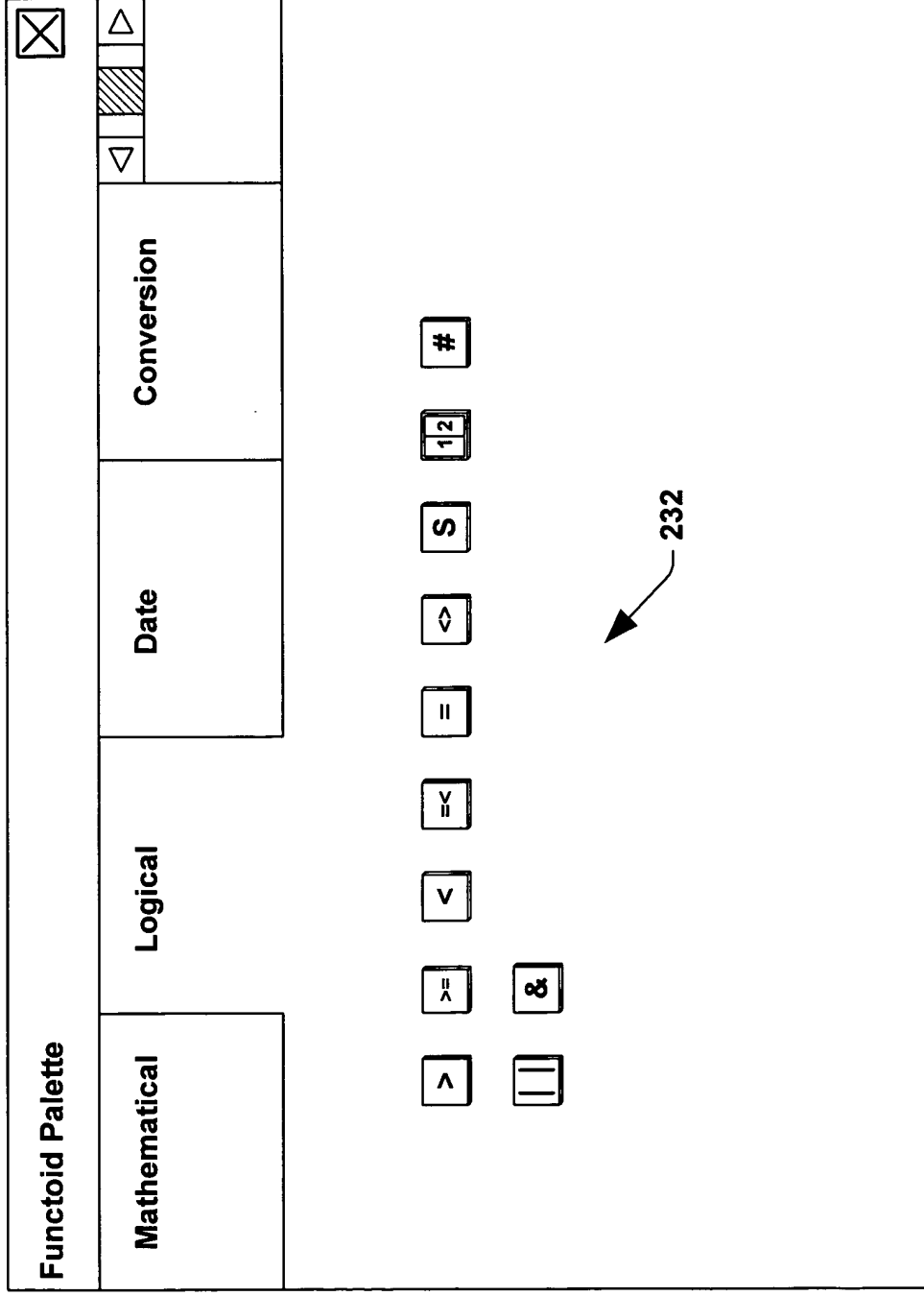


FIG. 5D

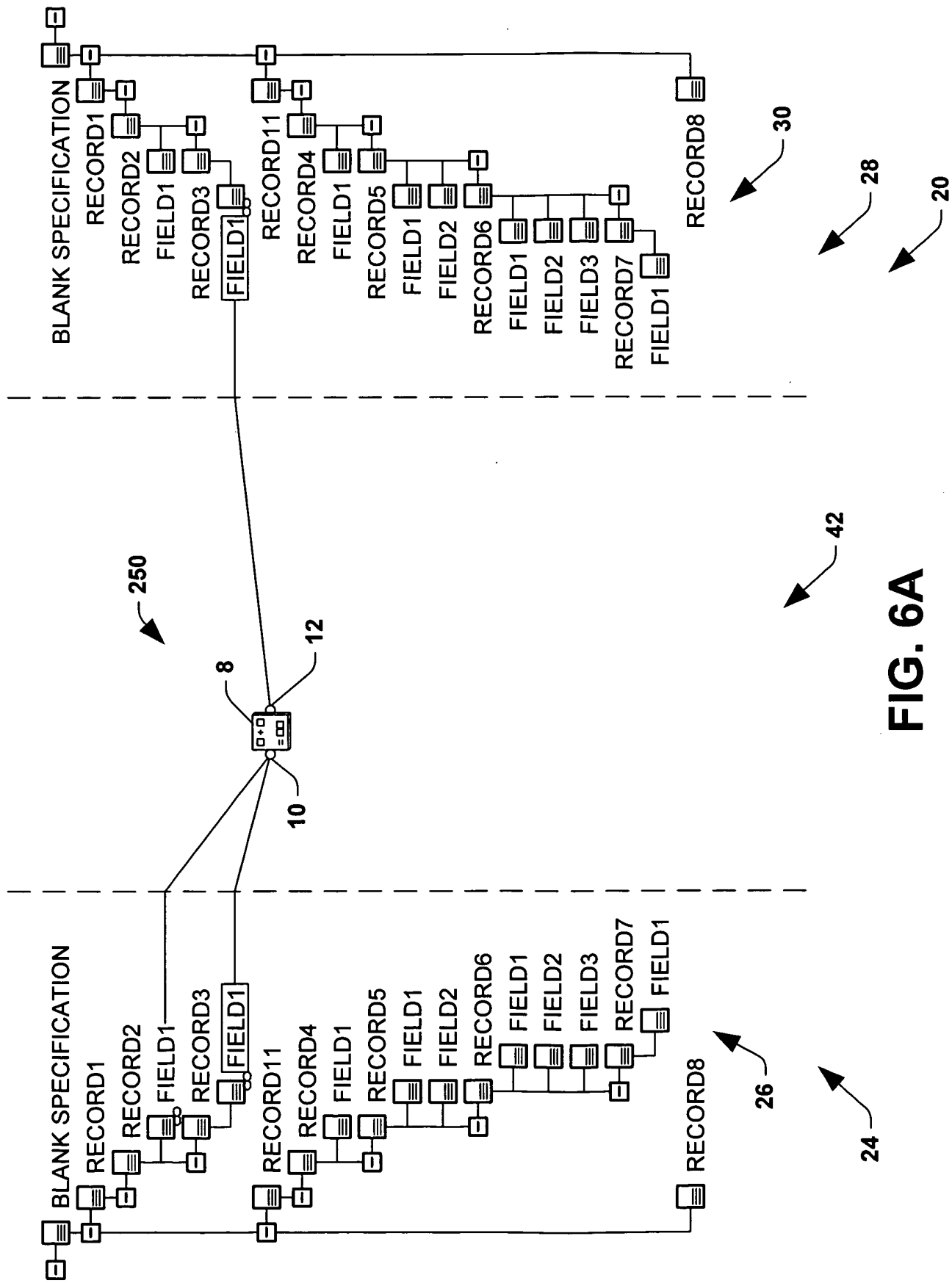
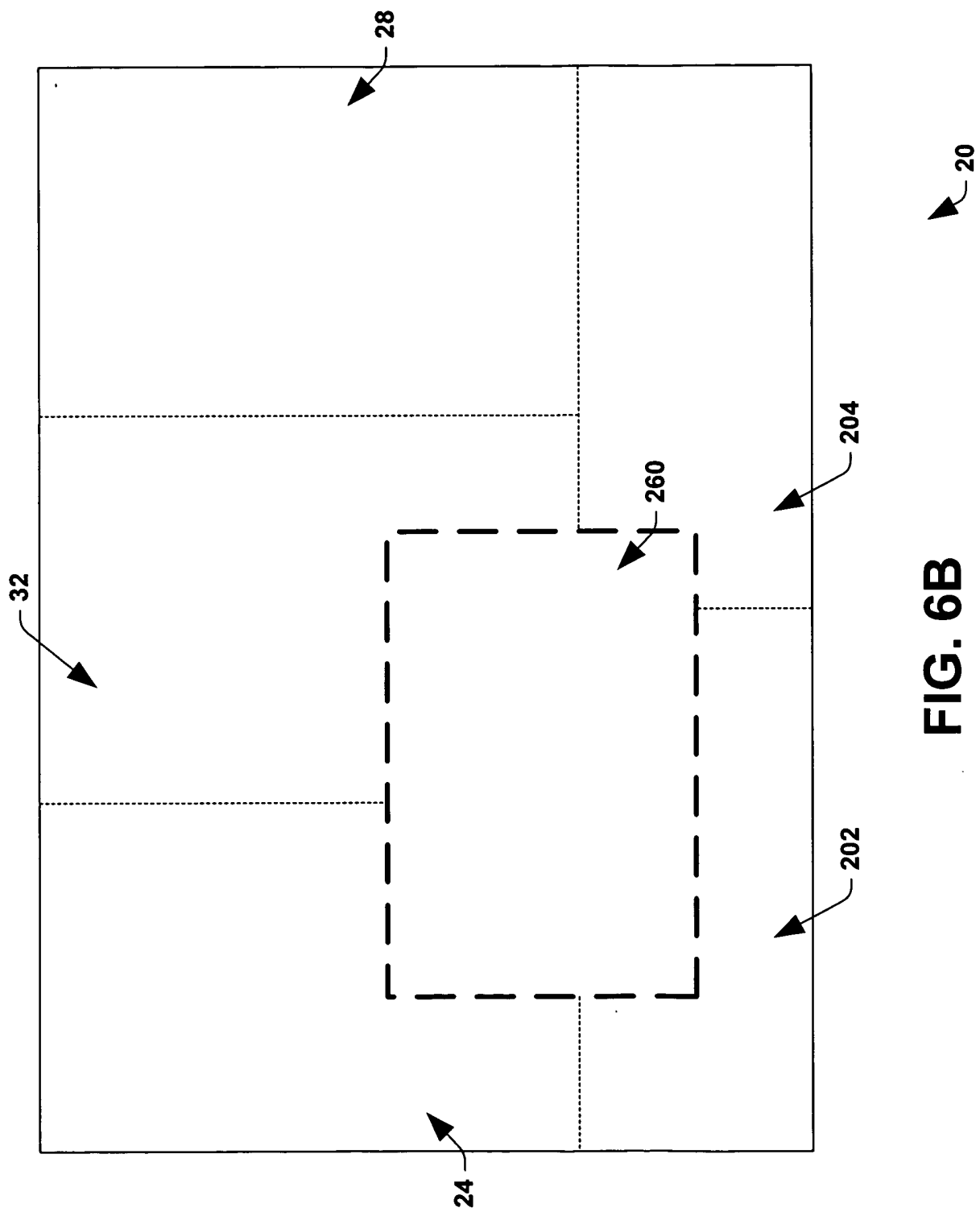


FIG. 6A






Functoid Properties	
General	Script
<p>Input Parameters</p> <div> <div>  /BLANKSPECIFICATION/RECORD1/RECORD2/@FIELD1 </div> <div>  /BLANKSPECIFICATION/RECORD1/RECORD2/RECORD3/@FIELD1 </div> <div>  Hello World </div> </div> <p>This functoid must have at least 1 parameter. There is no maximum limit on the number of input parameters.</p> <div> <input type="button" value="OK"/> <input type="button" value="Cancel"/> </div>	

FIG. 6C

?

×

Function Properties

General

Script

Function Script

Function FctStringConcat3(p_strParm0, p_strParm1, p_strParm2)
FctStringConcat3 = p_strParm0 + p_strParm1 + p_strParm2
End Function

OK

Cancel

106

264

FIG. 6D

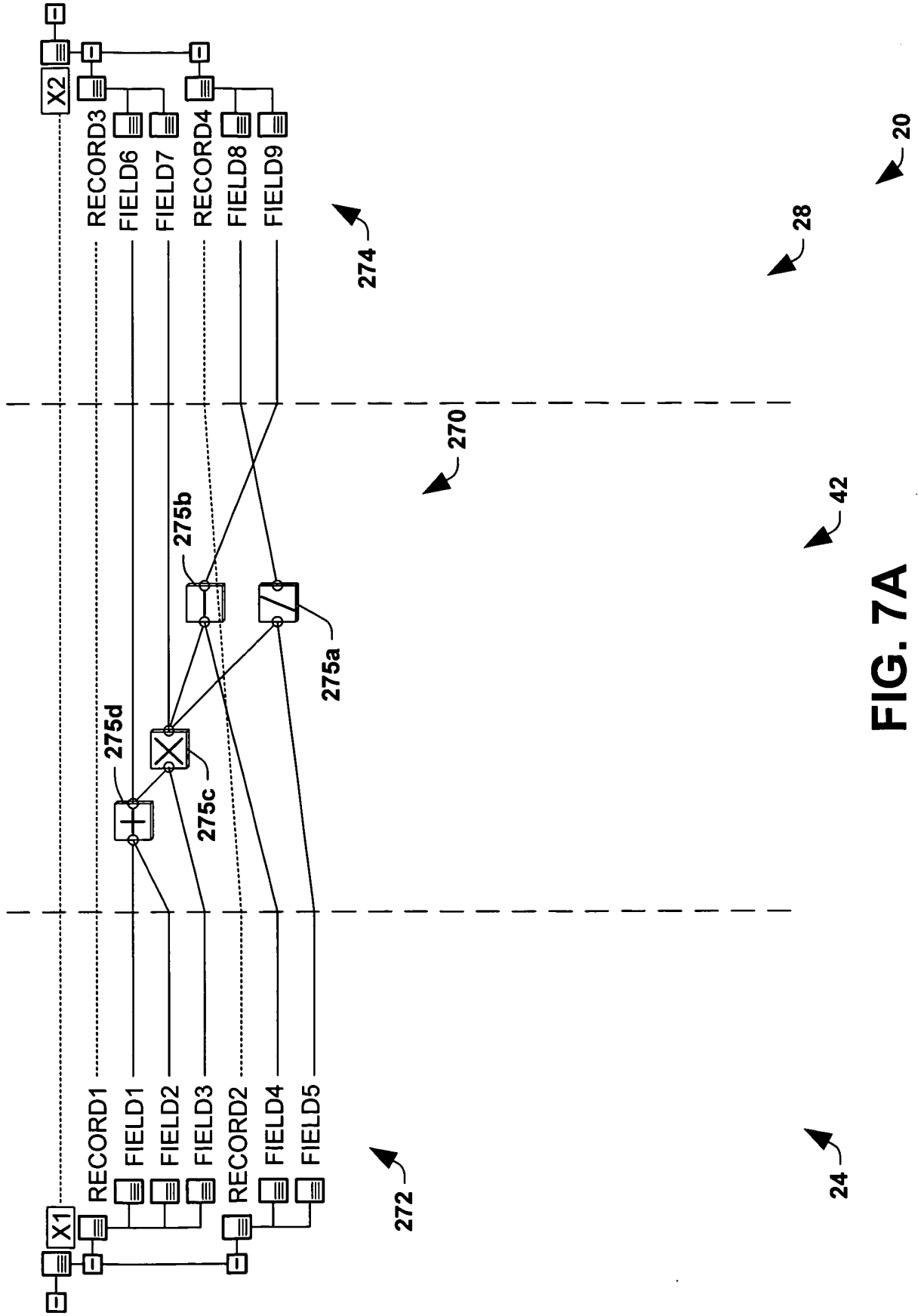
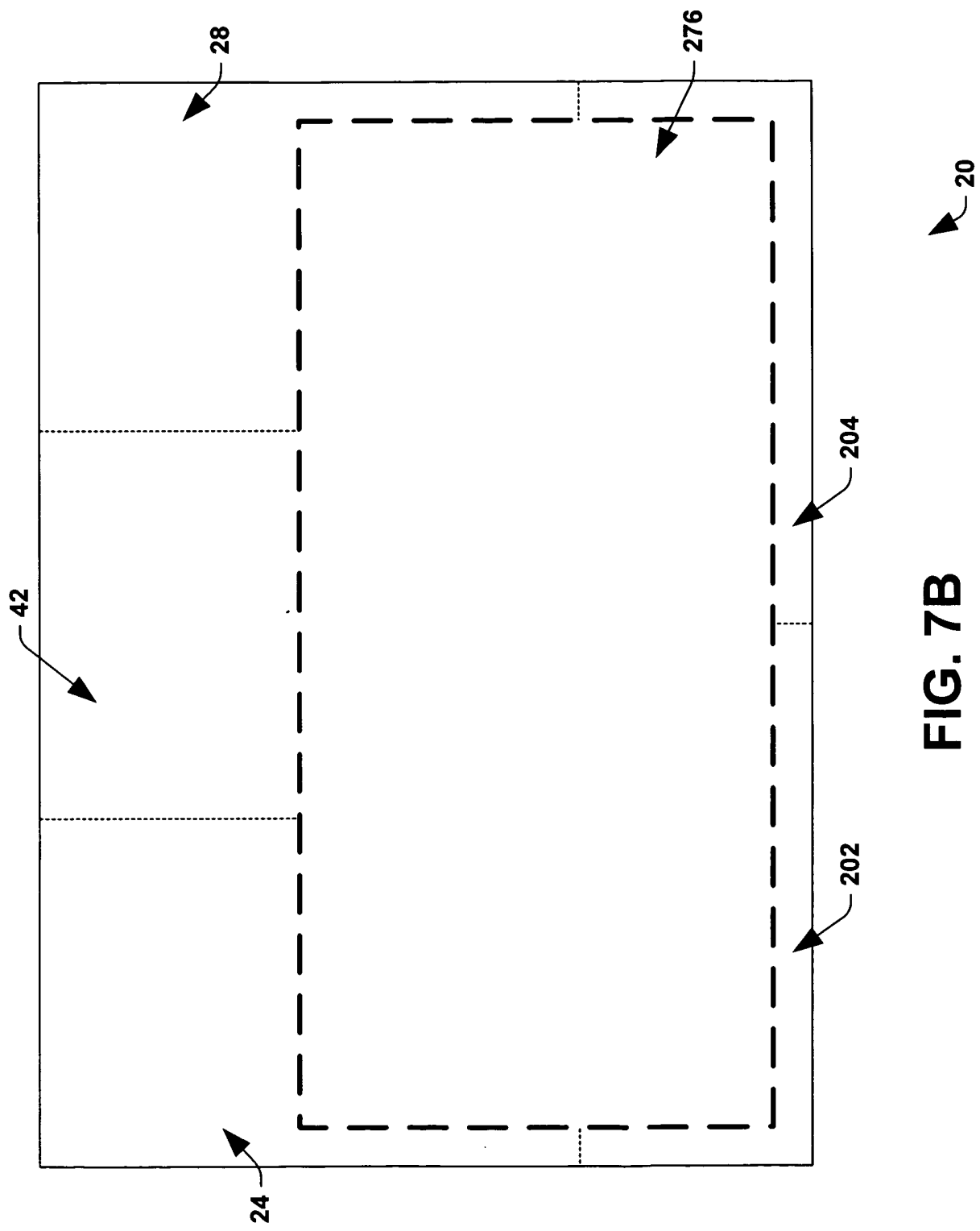


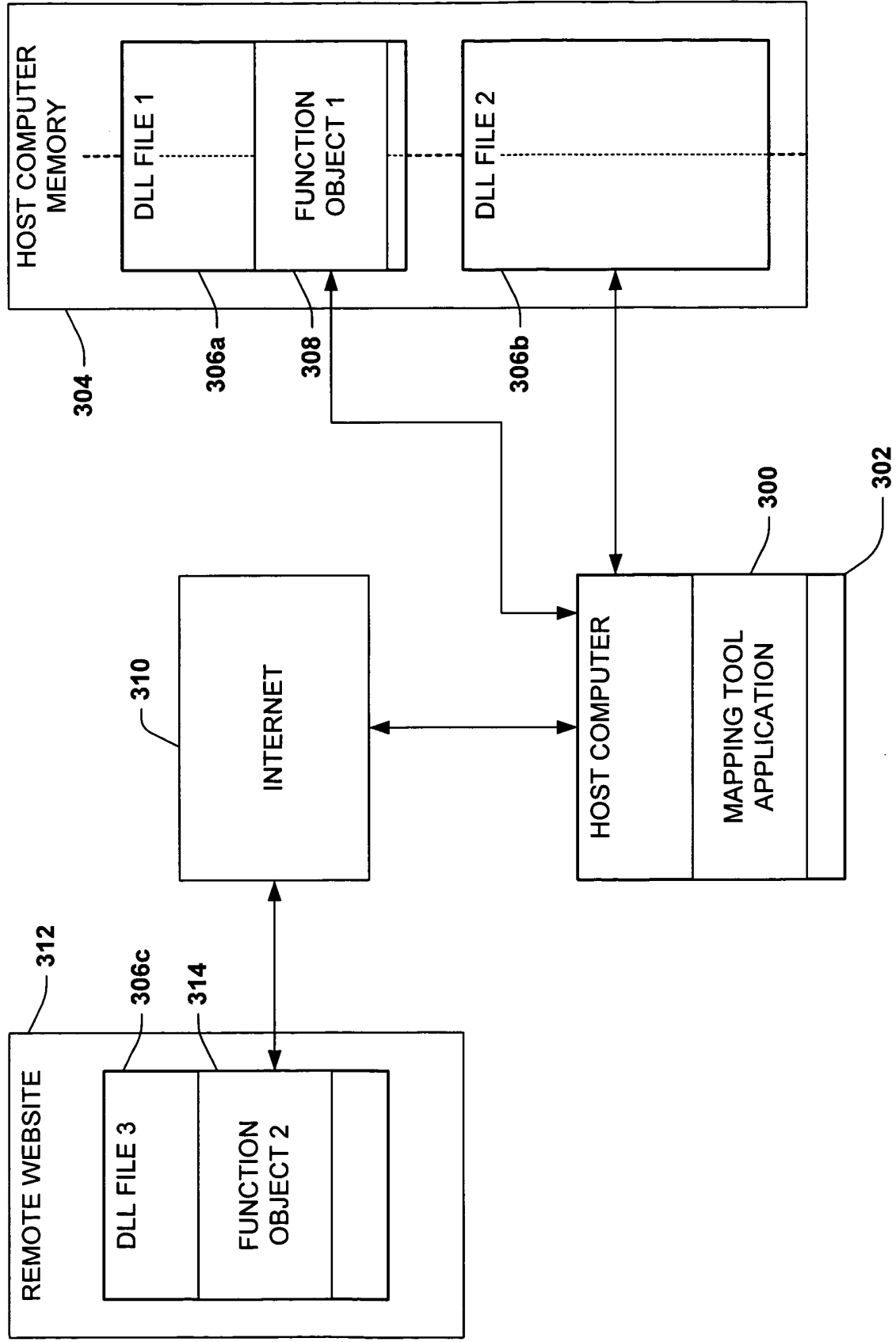
FIG. 7A



Properties	Values	Output
		<div> <div>278</div> <div>280</div> </div> <pre> <xsl:template match='X1'> <X2> <xsl:for-each select='Record1'> <Record3> <xsl:variable name='var:v1' select='user:FctMathAdd2(string(@Field1), string(@Field2))' /> <xsl:attribute name='Field6'><xsl:value-of select='\$var:v1' /></xsl:attribute> <xsl:variable name='var:v2' select='user:FctMathMultiply2(string(@Field3), string(\$var:v1))' /> <xsl:attribute name='Field7'><xsl:value-of select='\$var:v2' /></xsl:attribute> </Record3> </xsl:for-each> <xsl:for-each select='Record2'> <Record4> <xsl:variable name='var:v3' select='user:FctMathAdd2(string(ancestor::* (1)/Record1/@Field1), string(<xsl:variable name='var:v4' select='user:FctMathMultiply2(string(ancestor::* (1)/Record1/@Field3), str <xsl:variable name='var:v5' select='user:FctMathDivide(string(\$var:v4), string(@Field5))' /> <xsl:attribute name='Field8'><xsl:value-of select='\$var:v5' /></xsl:attribute> <xsl:variable name='var:v6' select='user:FctMathSubtract2(string(\$var:v4), string(@Field4))' /> <xsl:attribute name='Field9'><xsl:value-of select='\$var:v6' /></xsl:attribute> </Record4> </xsl:for-each> </pre>

FIG. 7C

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	



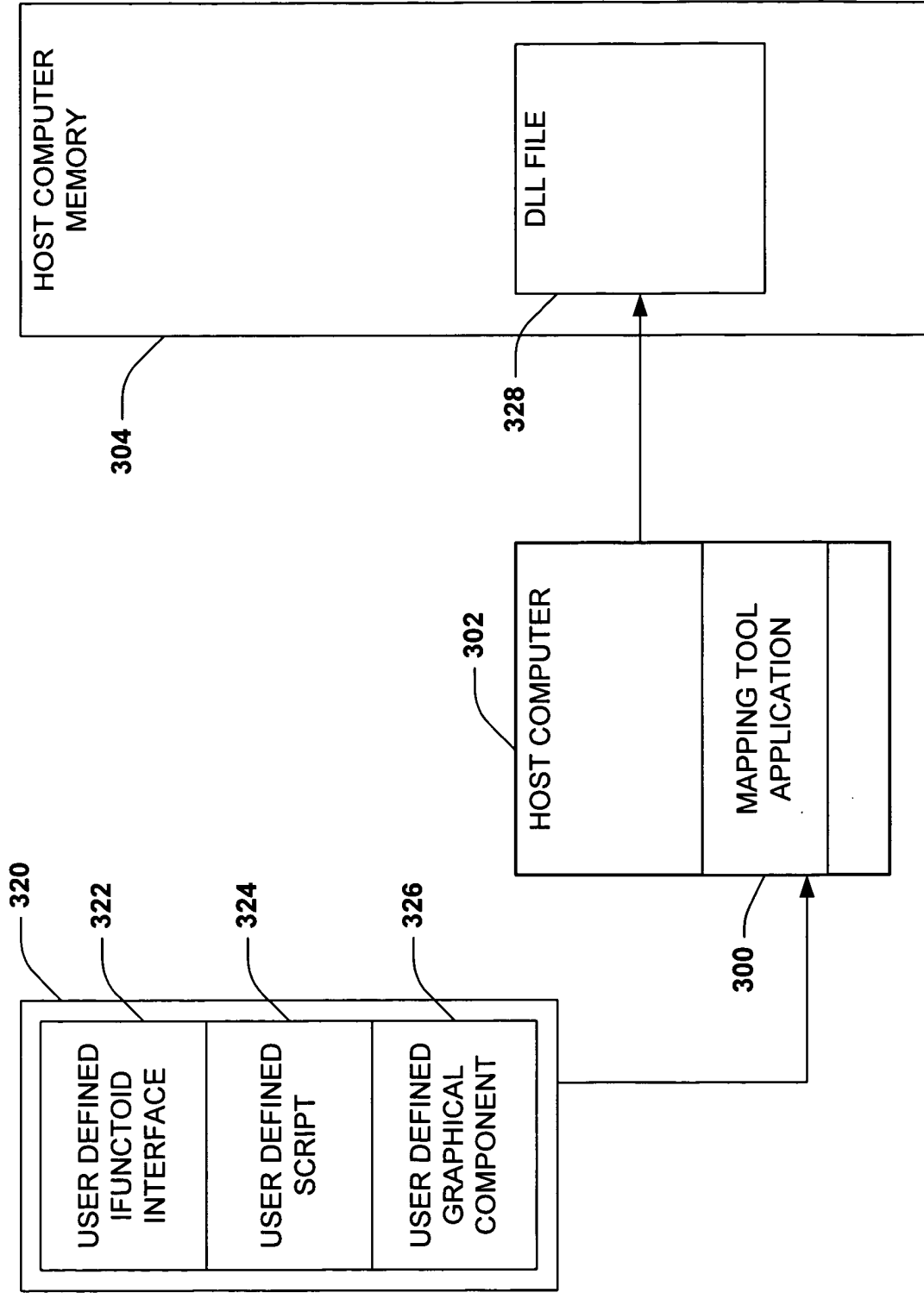


FIG. 9A

Year	Age	Sex	Weight (kg)	Length (cm)	Condition
1971	10	M	10.5	110	Good
1972	11	F	11.2	115	Good
1973	12	M	12.8	120	Good
1974	13	F	13.5	125	Good
1975	14	M	14.2	130	Good
1976	15	F	15.1	135	Good
1977	16	M	16.3	140	Good
1978	17	F	17.5	145	Good
1979	18	M	18.2	150	Good
1980	19	F	19.1	155	Good
1981	20	M	20.5	160	Good
1982	21	F	21.2	165	Good
1983	22	M	22.8	170	Good
1984	23	F	23.5	175	Good
1985	24	M	24.2	180	Good
1986	25	F	25.1	185	Good
1987	26	M	26.3	190	Good
1988	27	F	27.5	195	Good
1989	28	M	28.2	200	Good
1990	29	F	29.1	205	Good
1991	30	M	30.5	210	Good
1992	31	F	31.2	215	Good
1993	32	M	32.8	220	Good
1994	33	F	33.5	225	Good
1995	34	M	34.2	230	Good
1996	35	F	35.1	235	Good
1997	36	M	36.3	240	Good
1998	37	F	37.5	245	Good
1999	38	M	38.2	250	Good
2000	39	F	39.1	255	Good
2001	40	M	40.5	260	Good
2002	41	F	41.2	265	Good
2003	42	M	42.8	270	Good
2004	43	F	43.5	275	Good
2005	44	M	44.2	280	Good
2006	45	F	45.1	285	Good
2007	46	M	46.3	290	Good
2008	47	F	47.5	295	Good
2009	48	M	48.2	300	Good
2010	49	F	49.1	305	Good
2011	50	M	50.5	310	Good
2012	51	F	51.2	315	Good
2013	52	M	52.8	320	Good
2014	53	F	53.5	325	Good
2015	54	M	54.2	330	Good
2016	55	F	55.1	335	Good
2017	56	M	56.3	340	Good
2018	57	F	57.5	345	Good
2019	58	M	58.2	350	Good
2020	59	F	59.1	355	Good
2021	60	M	60.5	360	Good
2022	61	F	61.2	365	Good
2023	62	M	62.8	370	Good
2024	63	F	63.5	375	Good
2025	64	M	64.2	380	Good
2026	65	F	65.1	385	Good
2027	66	M	66.3	390	Good
2028	67	F	67.5	395	Good
2029	68	M	68.2	400	Good
2030	69	F	69.1	405	Good
2031	70	M	70.5	410	Good
2032	71	F	71.2	415	Good
2033	72	M	72.8	420	Good
2034	73	F	73.5	425	Good
2035	74	M	74.2	430	Good
2036	75	F	75.1	435	Good
2037	76	M	76.3	440	Good
2038	77	F	77.5	445	Good
2039	78	M	78.2	450	Good
2040	79	F	79.1	455	Good
2041	80	M	80.5		

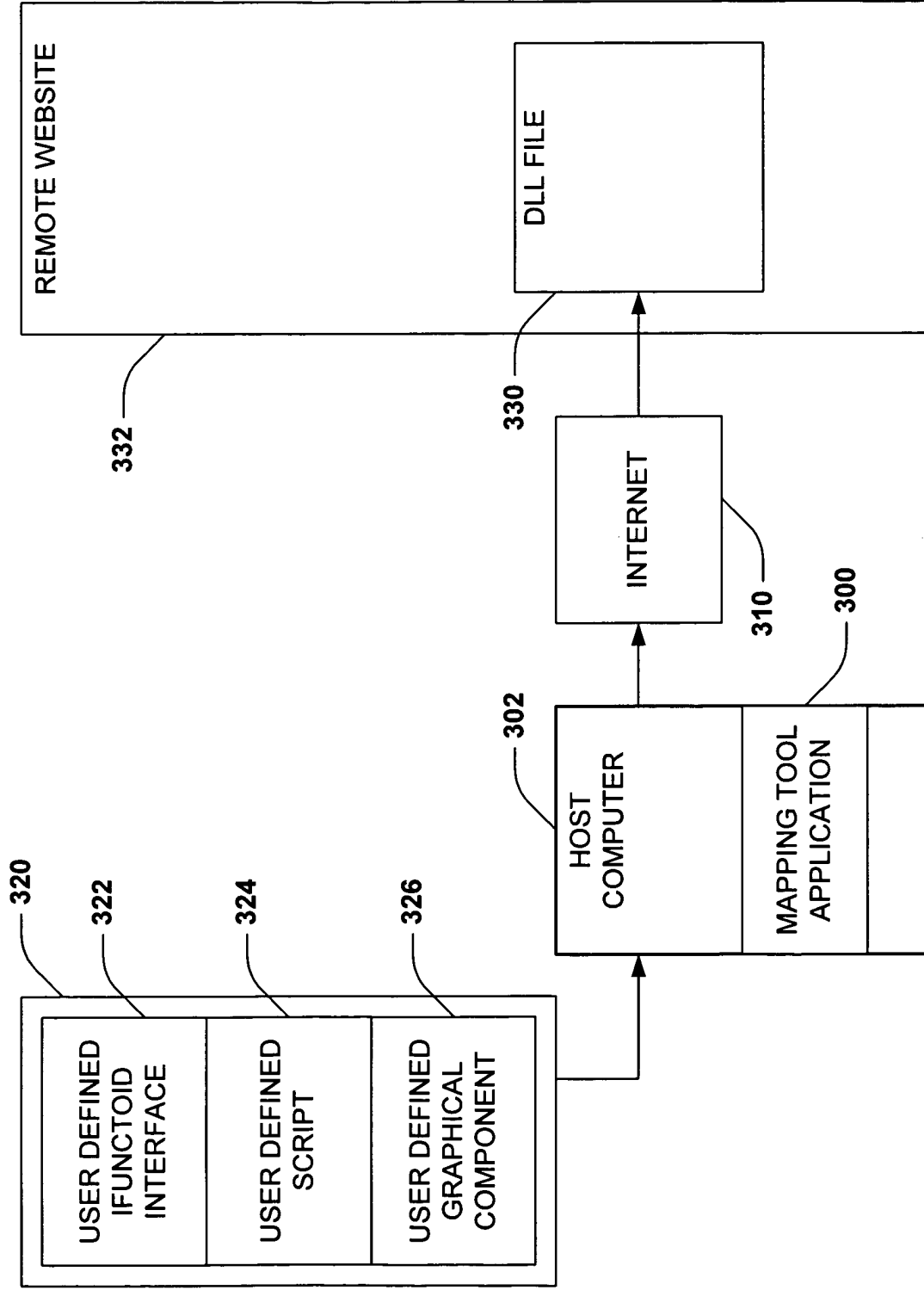
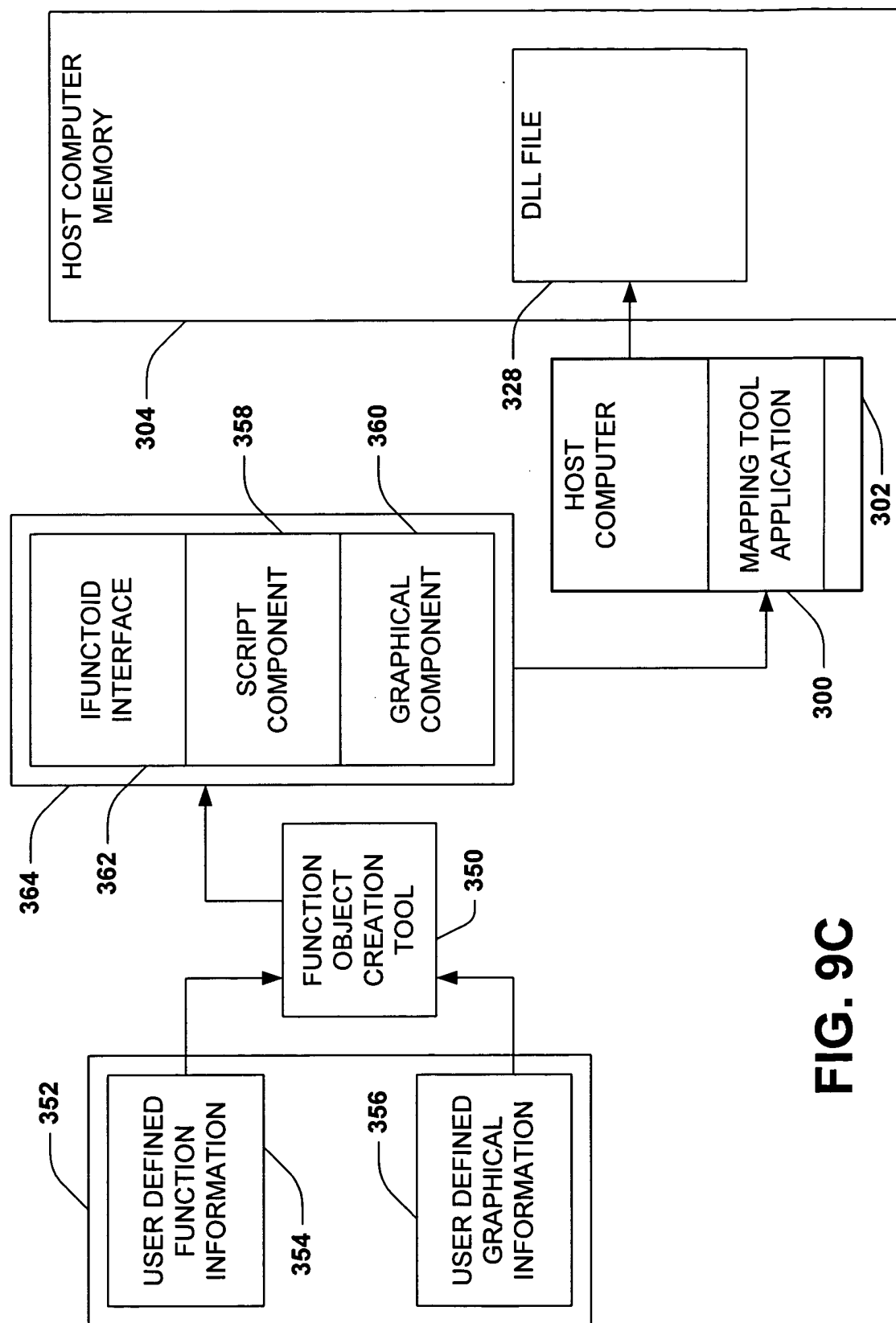


FIG. 9B



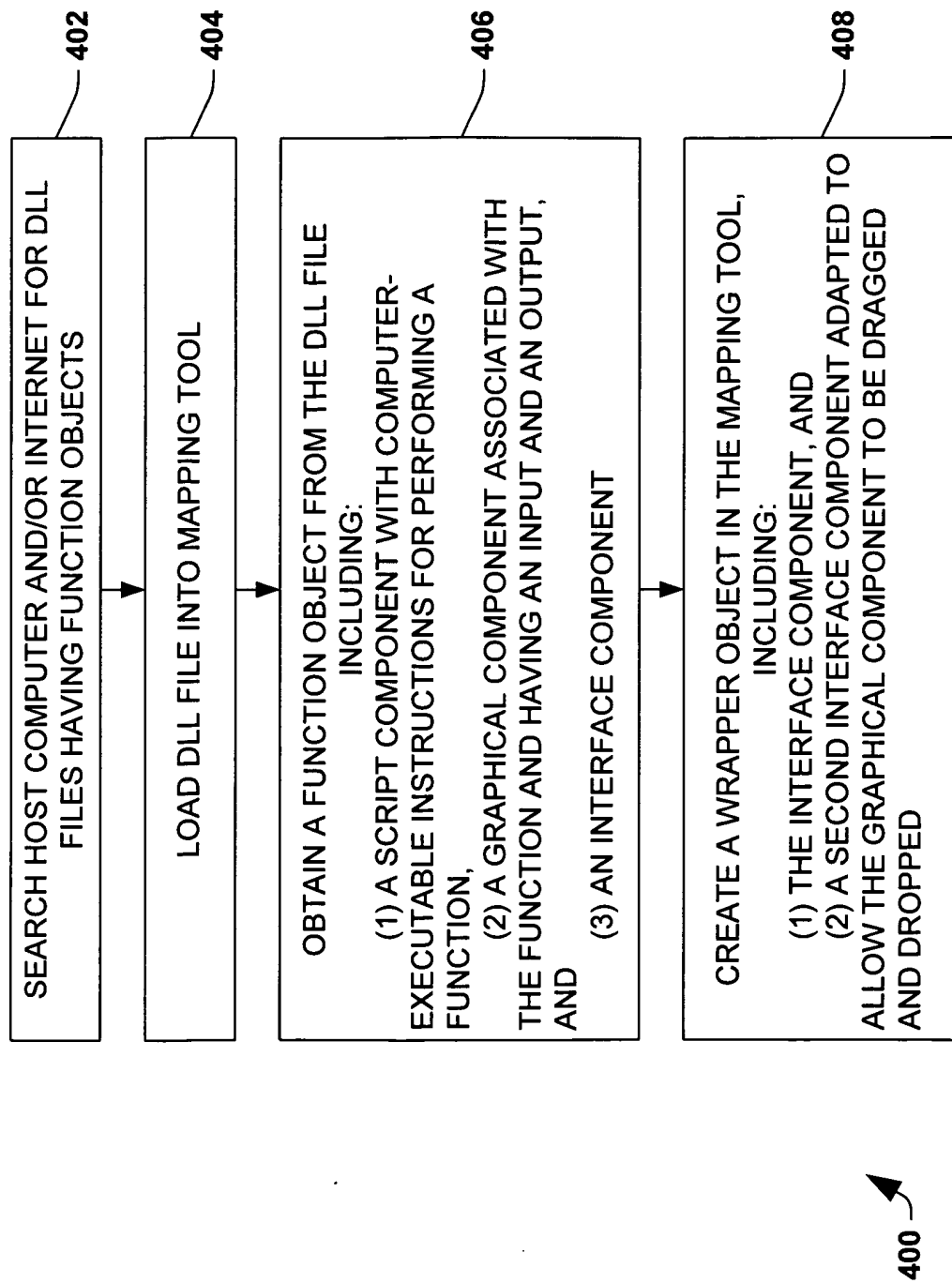
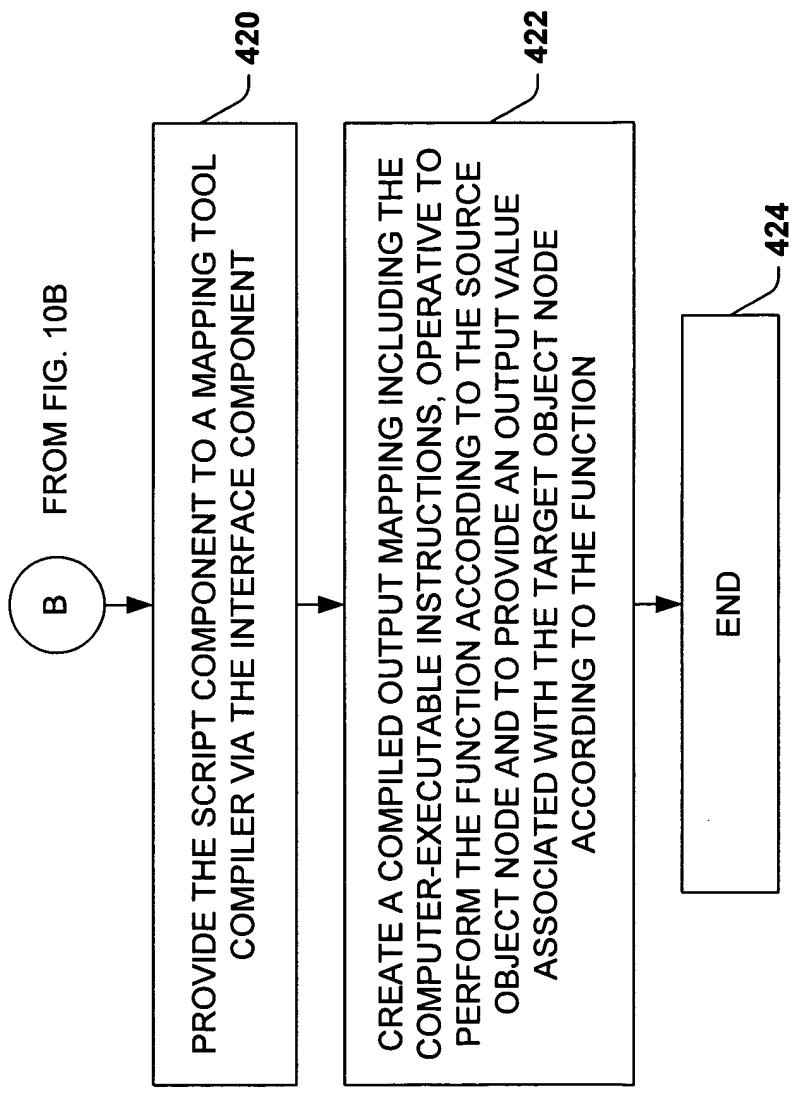


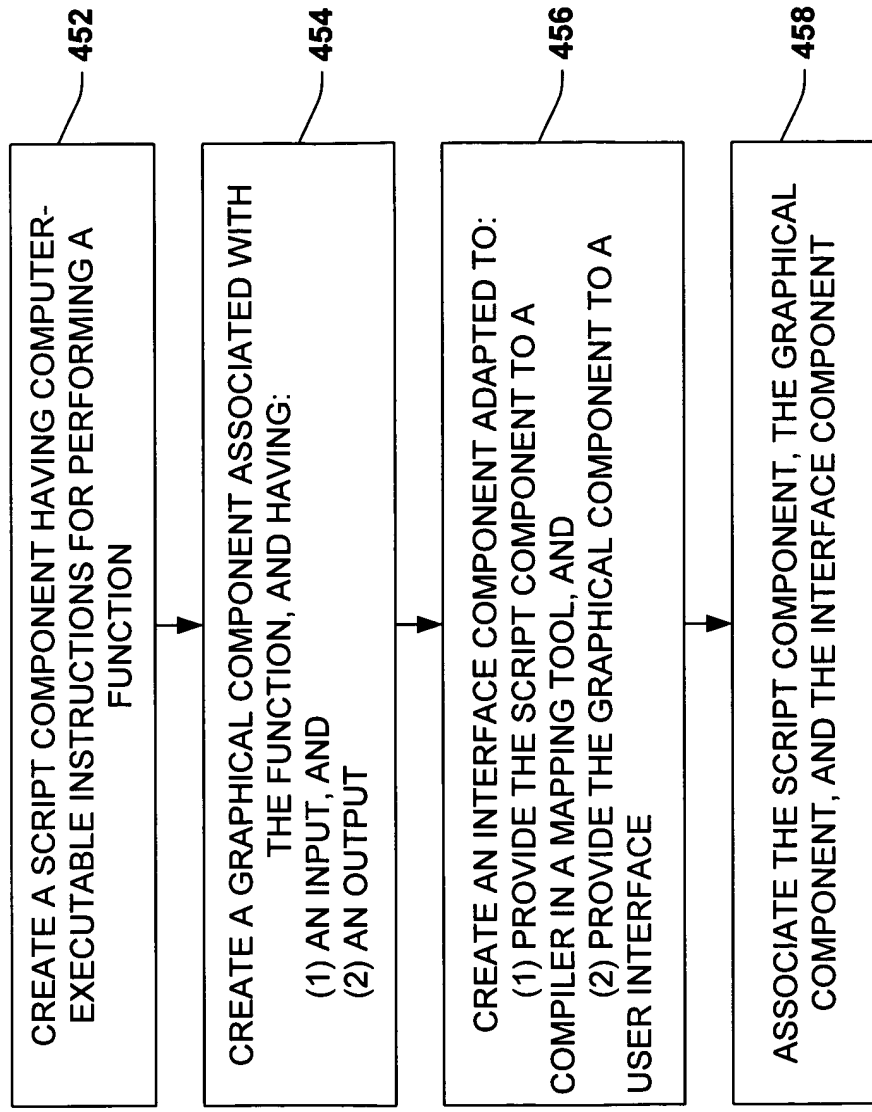
FIG. 10A



400

FIG. 10C

450



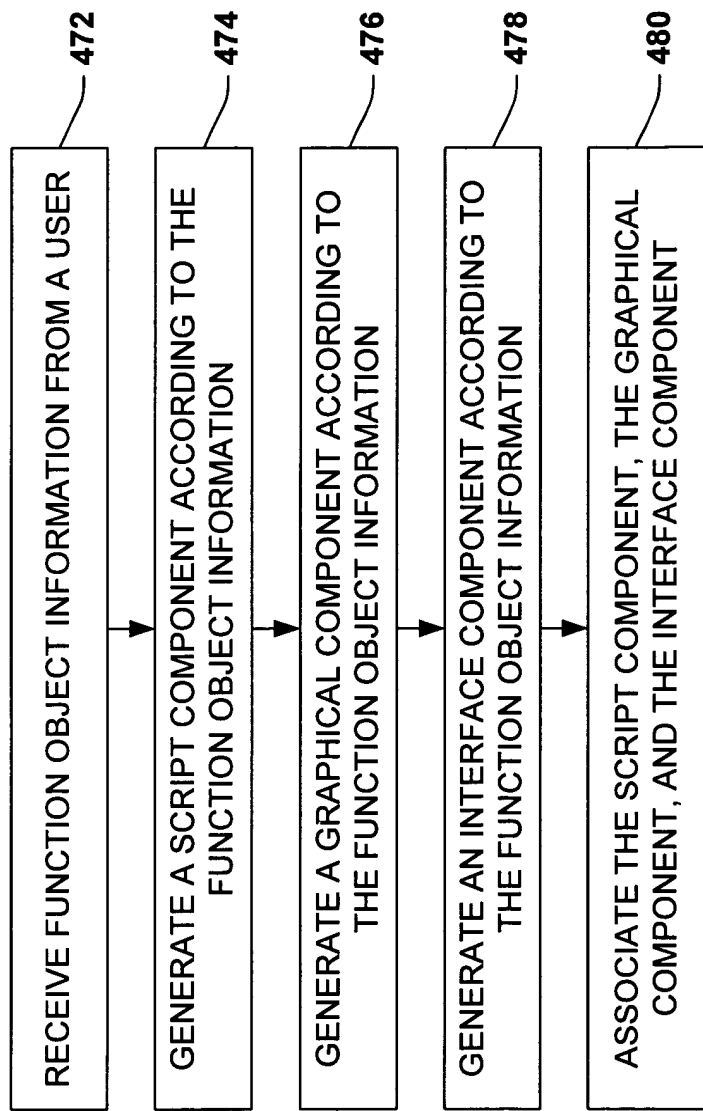


FIG. 12

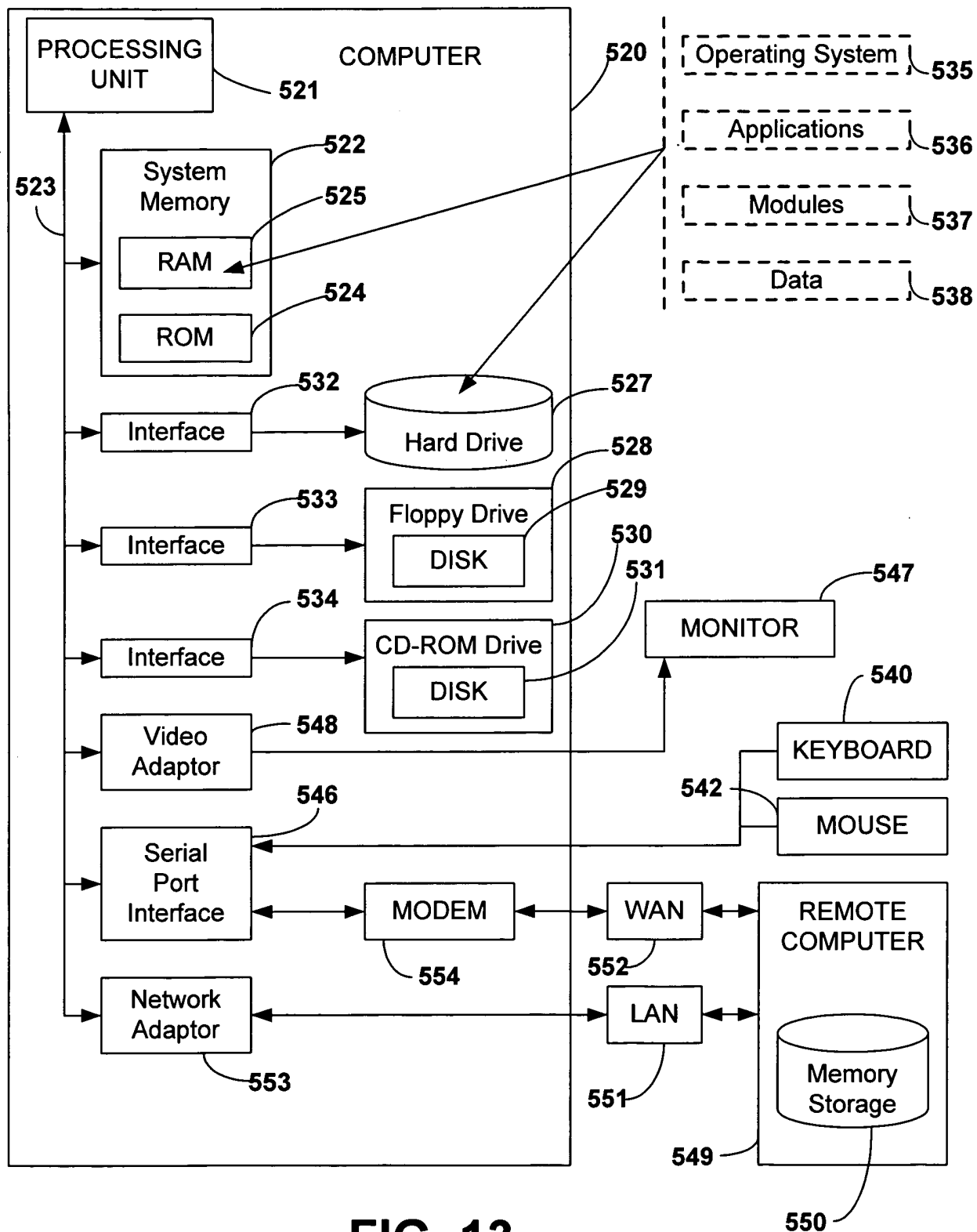


FIG. 13